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August 9, 2001

Attorney Docket No.: 12175-003001

Box Patent Application
Commissioner for Patents
Washington, DC 20231

Presented for filing is a new patent application claiming priority from a provisional patent application of:

Applicant: SINING MAO, JANUSZ J. NOWAK, ERIC S. LINVILLE AND JIAN CHEN

Title: HIGH SENSITIVITY TUNNELING GMR SENSORS WITH
SYNTHETIC ANTIFERROMAGNET FREE LAYER

Enclosed are the following papers, including those required to receive a filing date under 37 CFR §1.53(b):

	<u>Pages</u>
Specification	8
Claims	3
Abstract	1
Declaration	[To be Filed at a Later Date]
Drawing(s)	7

Enclosures:

— Postcard

Request and Certification Under U.S.C. 122(b)(2)(B)(i). (1 page)

Under 35 USC §119(e)(1), this application claims the benefit of prior U.S. provisional application 60/224,182, filed August 9, 2000.

CERTIFICATE OF MAILING BY EXPRESS MAIL

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I hereby certify under 37 CFR §1.10 that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

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August 9, 2001

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Basic filing fee	\$710
Total claims in excess of 20 times \$18	\$0
Independent claims in excess of 3 times \$80	\$0
Fee for multiple dependent claims	\$0
Total filing fee:	\$710

A check for the filing fee is enclosed. Please apply any other required fees or any credits to deposit account 06-1050, referencing the attorney docket number shown above.

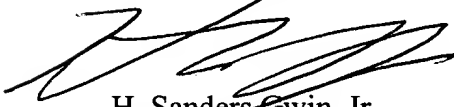
If this application is found to be incomplete, or if a telephone conference would otherwise be helpful, please call the undersigned at (612) 335-5070.

Kindly acknowledge receipt of this application by returning the enclosed postcard.

Please send all correspondence to:

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Respectfully submitted,



H. Sanders Gwin, Jr.
Reg. No. 33,242
Enclosures
HSG/jxw
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**REQUEST AND CERTIFICATION
UNDER
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor	Sining Mao et al.
Title	HIGH SENSITIVITY TUNNELING GMR SENSORS WITH SYNTHETIC ANTIFERROMAGNET FREE LAYER
Atty Docket Number	12175-003001

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

8/9/01
Date


Signature

H. Sanders Gwin, Jr. # 33,242
Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**